

PAT-NO: JP02002090083A  
DOCUMENT-IDENTIFIER: JP 2002090083 A  
TITLE: HEAT EXCHANGER  
PUBN-DATE: March 27, 2002

INVENTOR-INFORMATION:

NAME	COUNTRY
YAMAGUCHI, HIROSHI	N/A
KITA, KAZUKI	N/A

ASSIGNEE-INFORMATION:

NAME	COUNTRY
JAPAN CLIMATE SYSTEMS CORP	N/A

APPL-NO: JP2000282821

APPL-DATE: September 19, 2000

INT-CL (IPC): F28F001/30, F25B039/02 , F28D001/053

ABSTRACT:

PROBLEM TO BE SOLVED: To solve the problem of a heat exchanger where all adjacent fin faces are formed in parallel that condensate stands on fins at the leeward end part to cause a phenomenon where the condensate covers the adjacent fin faces and the problem of a heat exchanger where all adjacent fin faces are formed at a constant inclination angle that condensate is held easily on the inside of the ridge of a fin and the conduction area of air is limited to cause lowering of performance or increase of ventilation resistance.

SOLUTION: The heat exchanger comprises flat tubes and corrugate fins arranged alternately in parallel in the lateral direction. The upper fin part of the corrugate fin comprises a parallel fin part where adjacent fin faces are

formed in parallel or an inclination fin part where adjacent fin faces are formed with a large inclination angle, and the lower fin part comprises a fin part of ordinary inclination angle.

COPYRIGHT: (C)2002,JPO